

DAY:3

API INTEGRATION & DATA MIGRATION

FOOD WEBSITE:

Next.js + Sanity E-commerce Project Documentation

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1. Project Setup

NEXT.JS installation and creating a project.

```
NPX CREATE-NEXT-APP@14.2.15 .
```

2. Sanity Studio Setup

Initialize Sanity

Creating Sanity project and developed a API Token

```
CREATE SANITY@LATEST -- --TEMPLATE CLEAN --  
CREATE-PROJECT "LEARNING-SANITY-PROJECT" --  
DATASET PRODUCTION
```

3. Environment Configuration

Creating `.env.local` file in root directory

```
NEXT_PUBLIC_SANITY_PROJECT_ID="{YOUR-SANITY-PROJECT-ID}"
```

```
NEXT_PUBLIC_SANITY_DATASET="PRODUCTION"
```

```
SANITY_API_TOKEN="{YOUR-SANITY-API-TOKEN}"
```

4. SANITY MIGRATION

Migrating data into sanity through repo of Sir Mubashir

□ [HTTPS://GITHUB.COM/MUBASHIRIMTIAZ/SANITY-NEXTJS](https://github.com/mubashirimtiaaz/sanity-nextjs)

5. Schema Configuration

Creating food.ts and chef.ts inside sanity/schematypes for

Writing schemas

```
(SANITY/SCHEMATYPES/FOOD.TS)
```

```
(SANITY/SCHEMATYPES/CHEF.TS)
```

6. Client-Side Implementation

Setup Sanity Client (`sanity/lib/client.ts`)

Setup Image Builder (`sanity/lib/image.ts`)

7. Routes creating in app folder

Creating food/page.tsx and chef/page.tsx in app
Folder

Creating queries and code for UI projectio

```
CONST QUERY = `*[_TYPE == "FOOD"] {  
  _ID,  
  NAME,  
  PRICE,  
  DISCOUNTPERCENTAGE,  
  TAGS,  
  "IMAGEURL": IMAGE.ASSET->URL,  
  DESCRIPTION,  
  RATING,  
  RATINGCOUNT  
}
```

8. Code to Github

Pushing code to Github repo through Github Desktop

[HTTPS://GITHUB.COM/NAILA-ADY/MARKETPLACE.GIT](https://github.com/Naila-Ady/Marketplace.git)

9. Deployment Steps

Building the project

Deployment of code in Vercel

Set up environment variables in Vercel

Adding the environment variables from .env.local

10. Images of sanity project & local host



